



PTO/SB/08A (07-05)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/815,791
Filing Date	April 2, 2004
First Named Inventor	Cristian M. NECULESCU, et al.
Art Unit	1732
Examiner Name	Eashoo, Mark
Attorney Docket Number	11934P1D1D1

Sheet 1 of 14

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 1440070	12-26-1922	FRY	
		US- 1813810	07-07-1931	MCDONALD ET AL.	
		US- 1848066	03-01-1932	SHEPARD ET AL.	
		US- 2719413	10-04-1955	PANZER	
		US- 2738915	03-20-1956	ST. CLAIR	
		US- 3030330	04-17-1962	CINES ET AL.	
		US- 3067922	12-11-1962	HILL	
		US- 3271354	09-06-1966	WEISSERT ET AL.	
		US- 3353974	11-21-1967	TRIMBLE ET AL.	
		US- 3422056	01-14-1969	CARTON	
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		US- 3675811	07-11-1972	ARTZ	
		US- 3696849	10-10-1972	DAVIS	
		US- 3702356	11-07-1972	HALL	
		US- 3767444	10-23-1973	ZEISBERGER	
		US- 3811594	05-21-1974	PAULUCCI	
		US- 3844810	10-29-1974	POLLARD	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		DE 1 704 405	07-08-1971	BECKER ET AL.		
		DE 2 007 552	09-02-1971	DAVIS		
		DE 25 51 234	05-20-1976	ENG ET AL.		
		DE 296 05 250 U1	09-25-1997	GIZEH-WERK GmbH		
		EP 0 122 686	10-24-1984	UEEDA ET AL.		
		EP 0 167 660	01-15-1986	THOMAS ET AL.		

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/Jeff Wollschlager/

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		Examiner Name	Eashoo, Mark
		Attorney Docket Number	11934P1D1D1
Sheet	2	of	14

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		US- 3865302	02-11-1975	KANE	
		US- 3888679	06-10-1975	KOMATSU ET AL.	
		US- 3923726	12-02-1975	BENZ	
		US- 3931890	01-13-1976	DAVIS	
		US- 3953218	04-27-1976	POLLARD	
		US- 3978036	08-31-1976	POLLARD	
		US- 4004940	01-25-1977	CORMIER	
		US- 4039507	08-02-1977	PAIGE ET AL.	
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		EP 0 544 429 A1	06-02-1993	FRITZ ET AL.		
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		EP 0 532 233 A1	03-17-1993	LITTLEJOHN		
		FR 2101307	03-06-1972	BERG		

Examiner Signature	/Jeff Wollschlager/	Date Considered	04/01/2008
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		Number-Kind Code <sup>2</sup> (if known)			
		US- 4264553	04-28-1981	LOO	
		US- 4282277	08-04-1981	AUSTEN ET AL.	
		US- 4309323	01-05-1982	ORLOFF ET AL.	
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		US- 4420454	12-13-1983	KAWAGUCHI ET AL.	
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		US- 4455092	06-19-1984	PLATTS	
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		US- 4499227	02-12-1985	BAILEY	
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		US- 4504617	03-12-1985	YUI ET AL.	

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		JP 4-201234	07-22-1992			
		JP 5-170985	07-09-1993			
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		JP 59-64647	04-12-1984			
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		JP 62-265332	11-18-1987			

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		US- 4510271	04-09-1985	MUHLE ET AL.	
		US- 4522982	06-11-1985	EWEN	
		US- 4524160	06-18-1985	MAEDA ET AL.	
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		JP 6-203893	07-22-1994			
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		JP6199334	07-19-1994			
		JP 60-47298/85				

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		US- 4650747	03-17-1987	UNO ET AL.	
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		US- 4732926	03-22-1988	FAULKNER	
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		US- 4746057	05-24-1988	WAGNER	
		US- 4758396	07-19-1988	CRASS ET AL.	
		US- 4764546	08-16-1988	MITSUNO ET AL.	
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		US- 4895688	01-23-1990	SHIGETANI ET AL.	
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		US- 4916010	04-10-1990	YAMANA ET AL.	
		US- 4933529	06-12-1990	SAVILLE	
		US- 4938604	07-03-1990	NAITO ET AL.	
		US- 4948545	08-14-1990	BASHIR ET AL.	
		US- 4960639	10-02-1990	ODA ET AL.	
		US- 4981938	01-01-1991	HANARI ET AL.	
		US- 4987173	01-22-1991	NAMURA ET AL.	
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		US- 4994229	02-19-1991	FLECKNOE-BROWN	
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7

of 14

**Complete if Known**

Application Number	10/815,791
Filing Date	April 2, 2004
First Named Inventor	Cristian M. NECULESCU, et al.
Art Unit	1732
Examiner Name	Eashoo, Mark
Attorney Docket Number	11934P1D1D1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5015679	05-14-1991	MATUMURA	
		US- 5017015	05-21-1991	SCHLUMPF ET AL.	
		US- 5019446	05-28-1991	BUNNELL, SR.	
		US- 5021463	06-04-1991	KOZMA	
		US- 5041259	08-20-1991	FUJII ET AL.	
		US- 5041491	08-20-1991	TURKE ET AL.	
		US- 5053444	10-01-1991	TROTOIR	
		US- 5082888	01-21-1992	ABE ET AL.	
		US- 5086109	02-04-1992	UENO ET AL.	
		US- 5088640	02-18-1992	LITTLEJOHN	
		US- 5137975	08-11-1992	KELUSKY	
		US- 5165978	11-24-1992	LECINSKI	
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		US- 5184995	02-09-1993	KUCHENBECKER	
		US- 5202192	04-13-1993	HOPE ET AL.	
		US- 5219903	06-15-1993	FUJII ET AL.	
		US- 5219913	06-15-1993	TOMOMATSU ET AL.	
		US- 5230939	07-27-1993	BAUM	
		US- 5232971	08-03-1993	NOMURA ET AL.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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Filing Date	April 2, 2004
First Named Inventor	Cristian M. NECULESCU, et al.
Art Unit	1732
Examiner Name	Eashoo, Mark
Attorney Docket Number	11934P1D1D1

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		US- 5252384	10-12-1993	BOTHE ET AL.	
		US- 5252659	10-12-1993	KOIZUMI ET AL.	
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		US- 5462987	10-31-1995	SHINONAGA ET AL.	
		US- 5468807	11-21-1995	TSURUTANI ET AL.	
		US- 5473016	12-05-1995	FUJII ET AL.	
		US- 4338228	07-06-1982	INOUE ET AL.	

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Application Number	10/815,791
Filing Date	April 2, 2004
First Named Inventor	Cristian M. NECULESCU, et al.
Art Unit	1732
Examiner Name	Eashoo, Mark
Attorney Docket Number	11934P1D1D1

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of 14

**U. S. PATENT DOCUMENTS**

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5480931	01-02-1996	HOCK ET AL.	
		US- 5486561	01-23-1996	HIRANO ET AL.	
		US- 5489471	02-06-1996	INOUE ET EL.	
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		US- 5576374	11-19-1996	BETSO ET AL.	
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		US- 5686533	11-11-1997	GAHLEITNER ET AL.	
		US- 5744530	04-28-1998	SKELHORN	
		US- 5758773	06-02-1998	CLEMENTS	
		US- 5786427	07-28-1998	KIJIMA ET AL.	
		US- 5792807	08-11-1998	HAYASHIHARA ET AL.	
		US- 5795535	08-18-1998	GIOVANNONE ET AL.	

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Sheet 10

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Application Number	10/815,791
Filing Date	April 2, 2004
First Named Inventor	Cristian M. NECULESCU, et al.
Art Unit	1732
Examiner Name	Eashoo, Mark
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		US- 5891946	04-06-1999	NOHARA ET AL.	
		US- 5902848	05-11-1999	BURGIN ET AL.	
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		US- 6203893 B1	03-20-2001	NOHARA ET AL.	
		US- 6211501 B1	04-03-2001	MCCARTHY ET AL.	
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		US- 6241096 B1	06-05-2001	LITTLEJOHN ET AL.	
		US- 6325234 B1	12-04-2001	LEGASPI	
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		US- 6401962 B1	06-11-2002	LITTLEJOHN ET AL.	
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Sheet **11**of **14****Complete if Known**

Application Number	10/815,791
Filing Date	April 2, 2004
First Named Inventor	Cristian M. NECULESCU, et al.
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		US- 6866905 B1	03-15-2005	SANDSTROM ET AL.	
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		US- DES. 179011	10-23-1956	KIMBLE	
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		US- DES. 342186	12-14-1993	FRERE	
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		US- DES. 88688	12-13-1932	THOMPSON	
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		Art Unit	1732
		Examiner Name	Eashoo, Mark
Sheet	12	of	14
		Attorney Docket Number	11934P1D1D1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		STANDARD TEST METHOD FOR MELT FLOW RATES OF THERMOPLASTICS BY EXTRUSION PLASTOMETER; ASTM Designation: D 1238-00; Pg 260-268.	
		SHERMAN, LILLI MANOLIS; NANOCOMPOSITES-A LITTLE GOES A LONG WAY; Pg. 52-54; www.plasticstechnology.com; June 1999.	
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		SCHEINER, LOWELL L.; PROCESS PROFITABLY: DO YOUR OWN COLOR BLENDING; Plastics Technology, July 1971	
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Examiner Signature	/Jeff Wollschlager/	Date Considered	04/01/2008
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/815,791
		Filing Date	April 2, 2004
		First Named Inventor	Cristian M. NECULESCU, et al.
		Art Unit	1732
		Examiner Name	Eashoo, Mark
Sheet 12 of 14	Attorney Docket Number		11934P1D1D1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		STANDARD TEST METHOD FOR MELT FLOW RATES OF THERMOPLASTICS BY EXTRUSION PLASTOMETER; ASTM Designation: D 1238-00; Pg 260-268.	
		SHERMAN, LILLI MANOLIS; NANOCOMPOSITES-A LITTLE GOES A LONG WAY; Pg. 52-54; www.plasticstechnology.com; June 1999.	
		KIRK-OTHMER; ENCYCLOPEDIA OF CHEMICAL TECHNOLOGY; Fourth Edition, Volume 19; Pg. 600.	
		DIPL.-ING. HANS DOMININGHAUS; DIE KUNSTSTOFFE UND IHRE EIGENSCHAFTEN; VDI-Verlag GmbH; Dusseldorf 1992; Pg. 56.	
		HUNTERLAB; THE SCIENCE OF APPEARANCE-INTRODUCTION TO THE CONCEPT OF COLOR AND GLOSS; Pg. 96-99; January 1983.	
		THRONE, JAMES L.; THERMO FORMING; Hanser Publishers; Pg. 26, 97-98, 113-114, 170-172, and 191-210.	
		SCHEINER, LOWELL L.; PROCESS PROFITABLY: DO YOUR OWN COLOR BLENDING; Plastics Technology, July 1971	
		MACK, WOLFGANG A., DR. AND PFLEIDERER CORP.; HOW TO SET UP A COMPOUNDING LINE; Plastics Technology, July 1971.	
		DUNCAN, RICHARD, E., ET AL.; AN EXTRUDER'S GUIDE TO COLORING FILM; Plastic Technology, September 1971; Pg. 44-47.	
		MACBRIDE, ROLAND R.; COMPOUNDERS EXPAND ROLE IN DEVELOPMENT OF NEW THERMOPLASTICS; Modern Plastics, May 1985; Pg. 66-69.	

Examiner Signature	/Jeff Wollschlager/	Date Considered	04/01/2008
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Sheet	13	of	14	Attorney Docket Number	11934P1D1D1

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		COMPOUNDING SYSTEMS DEVELOPED FOR RTPs; Modern Plastics, April 1974; Pg. 60.	
		REINFORCEMENTS (NONFIBROUS); Modern Plastics, July 1979; Pg. 45-46.	
		MANUFACTURING HANDBOOK AND BUYERS' GUIDE 1986/87; Plastics Technology, Vol. 32 No. 8; Mid-July 1986; Pg. 466-482.	
		SOLVAY POLYMERS; MATERIAL SAFETY DATA SHEET CODE PP100; January 1997; Pg. 1-2.	
		Product Data Sheet: FORTILENE(R) PP 9600; SOLVAY POLYMERS.	
		Product Data Sheet: FORTIFLEX(R) HDPE HP55-50-155; SOLVAY POLYMERS.	
		Preliminary Data Sheet: FORTILENE(R) HB3152; SOLVAY POLYMERS.	
		Product Data Sheet: ESCORENE(R) HIGH DENSITY POLYETHYLENE; HDZ-128 MMW-HDPE BLOWN FILM RESIN; EXXON CHEMICAL; PETD Updated 11/97.	
		Product Data Sheet: ESCORENE(R) POLYPROPYLENE; PP4772 AN ORIENTED FILM RESIN; EXXONN CHEMICAL; Printed 10/97.	
		A GUIDE TO TIOXIDE(R) TR23; 1981	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

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Sheet 14 of 14

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		Typical Property Data Sheet: FRANKLIN INDUSTRIAL MINERALS L-140; Issued 10-01-1997.	
		Brochure: HUBER ENGINEERED MINERALS; HUBER Q(R) SERIES CALCIUM CARBONATE FILLERS AND EXTENDERS.	

Examiner Signature	/Jeff Wollschlager/	Date Considered	04/01/2008
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